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From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
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To: Info-Hams

Info-Hams Digest Fri, 14 May 93 Volume 93 : Issue 580

## Today's Topics:

ftp site for MIMP ???  
Newer version of TH-78A has jumpers + diodes

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Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 13 May 93 18:04:06 GMT  
From: amdahl!JUTS!szb50@uunet.uu.net  
Subject: ftp site for MIMP ???  
To: info-hams@ucsd.edu

MIMP (Motorola Impedance Matching Program) for design of RF Power Amp matching design, with a good graphics interface and SmithChart display on screen.

The above was described in some detail in a recent article in RF DESIGN magazine. It was said to be available for free.

Would appreciate details of any FTP site for the above.

73 .... Sid Boyce (G3VBV)  
Amdahl (UK) Tech Ops Group

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Date: 13 May 93 19:16:31 GMT  
From: ogicse!hp-cv!hp-pcd!hp-vcd!egurney@network.UCSD.EDU  
Subject: Newer version of TH-78A has jumpers + diodes

To: info-hams@ucsd.edu

I have a TH-78A (purchased in Dayton LAST year) which I have successfully performed the cross-band repeat and "Beyond MARS" mod on (the latter extends receive and transmit coverage significantly, including the 800 MHz band.)

My dad decided to buy one in Dayton this year. When he went to do the same mods I did, he found that there are now jumpers as well as diodes!

Since I haven't seen the radio myself (he's in Michigan, I'm in Washington), I can't explain it very well. But I'm hoping someone on the net has experienced the newer radio and can explain how to do the mods.

BTW, you don't have to remove the brass shield to perform the mod (at least on the old-style 78's which had only the diodes.) Since one side of the diode sticks outside of the brass shield, you can use a very fine-tipped soldering iron to heat the diode, and then gently pry it up to a 45 degree angle, effectively removing it from the circuit. This has the advantage that it can be easily resoldered (if necessary) later on.

If anyone has any info on the newer 78A's, I'd appreciate hearing about it so I can tell my dad the RIGHT way to modify his radio. I will summarize any useful responses to the net.

Thanks and regards,  
Ed

P.S. Does anyone know how to restore all of the step sizes present in the 440 band to the 800 MHz band? As it stands, when you switch to 800 MHz you only get 12.5 and 25 kHz step sizes. 5 and 10 kHz would be nice to have as well. I assume that this is hard-coded into the ROM of the microprocessor, but you can always hope...

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Ed J. Gurney N8FPW Hewlett-Packard Company Vancouver (USA!) Division  
egurney@vcd.hp.com #include <standard-disclaimer.h>  
"Failures are divided into two classes-- those who thought and never did,  
and those who did and never thought." John Charles Salak

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End of Info-Hams Digest V93 #580  
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